

Top 20 Chemicals with Largest TRI On-site and Off-site Releases, Metal Mining (SIC code 10), 2001

CAS Number Chemical			On-site Releases						Off-site Releases Transfers Off-site to Disposal Pounds	Total On- and Off-site Releases Pounds	
			Total Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection		On-site Land Releases				Total On-site Releases Pounds
					Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
-- Copper compounds	65,641	4,787	0	717,758	0	928,829,820	929,618,006	24,687	929,642,693		
-- Zinc compounds	170,534	22,742	0	9,100,042	0	626,916,029	636,209,347	2,693	636,212,040		
-- Arsenic compounds	15,608	3,197	0	1,466,028	0	364,434,765	365,919,598	722	365,920,320		
-- Lead compounds	141,249	3,899	0	6,019,513	0	329,140,768	335,305,429	7,952	335,313,381		
-- Manganese compounds	82,462	71,350	0	1,100,000	0	246,202,505	247,456,317	323,822	247,780,139		
-- Chromium compounds	3,900	292	0	51,000	0	75,713,024	75,768,216	1,393	75,769,609		
-- Vanadium compounds	1,686	250	0	0	0	47,675,521	47,677,457	2,000	47,679,457		
-- Barium compounds	10,743	9	0	1,900,000	0	42,826,564	44,737,316	4,478	44,741,794		
-- Nickel compounds	9,499	5,542	0	270,076	0	32,915,519	33,200,636	104,059	33,304,695		
-- Antimony compounds	6,540	3,265	0	710,028	0	18,654,774	19,374,607	2,000	19,376,607		
-- Cobalt compounds	1,684	0	0	16,000	0	10,210,508	10,228,192	1	10,228,193		
-- Cadmium compounds	2,421	889	0	90,000	0	6,850,944	6,944,254	254	6,944,508		
-- Nitrate compounds	250	298,401	0	680	0	6,041,824	6,341,155	7,998	6,349,153		
-- Mercury compounds	12,898	8	0	7,885	0	4,297,237	4,318,027	1,464	4,319,491		
-- Selenium compounds	3,625	257	0	0	0	3,696,215	3,700,097	254	3,700,351		
-- Thallium compounds	140	250	0	0	0	2,770,250	2,770,640	0	2,770,640		
-- Cyanide compounds	43,855	1,949	0	0	0	2,635,452	2,681,256	0	2,681,256		
7440-47-3 Chromium	221	5	0	83,434	0	2,338,519	2,422,179	38,179	2,460,358		
7664-41-7 Ammonia	701,429	3,114	0	0	0	874,657	1,579,200	0	1,579,200		
7440-50-8 Copper	162	0	0	0	0	1,032,713	1,032,875	0	1,032,875		
Subtotal	1,274,547	420,205	0	21,532,444	0	2,754,057,608	2,777,284,804	521,955	2,777,806,759		
Total*	2,854,512	427,312	0	21,629,444	0	2,757,118,053	2,782,029,322	524,935	2,782,554,257		

Note: On-site Releases are from Section 5 of Form R. **Off-site Releases** are from Section 6 (transfers off-site to disposal) of Form R. **Off-site Releases** include metals and metal compounds transferred off-site for solidification/stabilization and for wastewater treatment, including to POTWs. **Off-site Releases** do not include transfers to disposal sent to other TRI Facilities that reported the amount as an on-site release.

One facility, Phelps Dodge Miami of Claypool, AZ, that reported under SIC code 33 and SIC code 10 in 2001 and previous years has been included in SIC code 10 for the purpose of this analysis.

* Total for Metal Mining (SIC code 10).